

Message

From: Wayne Miller [Miller.Wayne@azdeq.gov]
Sent: 9/26/2018 12:28:15 AM
To: d'Almeida, Carolyn K. [dAlmeida.Carolyn@epa.gov]
CC: steve [steve@uxopro.com]; Brian J. Stonebrink [Stonebrink.Brian@azdeq.gov]
Subject: 2018-9-25 - WAFB - ADEQ management wants ST012 remedial action initiated - EBR

Carolyn - A management meeting was held Tues., 9-25-2018. ADEQ management wants remediation. Now. No ad infinitum site studying.

Based on this meeting, I want you to know *"My priorities"*:

- (1) Promote "field pilot" implementation. Waste Program Division Director Laura Malone and ADEQ's Chief Science Officer promote implementing the existing EBR plan as a "field study" (emphasizing the end-result caveat that if this remedy does not work, then another bio-amendment or remedy can be tried later). Implementation now.
- (2) Model the benzene plume. Have a knowledge content expert use the available data and present where benzene may be and may go. Stop trying "to guess" where to install wells. Modeling completed as soon as practicable.
- (3) Benzene characterization and containment/capture to be tackled independent to remedial "Pilot Study" field implementation.
- (4) Try to find assurances for EPA. Emphasize that the Record of Decision is the clean-up contract, regardless Contractor's remedy.

Please be aware that I was directed ***to change ADEQ's Contractor tone. ADEQ knowledge content experts are to support ADEQ's "giving it a go" attitude.***

I was informed that ADEQ (and UXO Pro, Inc.) may have to embrace more of the AMEC/Wood "good for EBR" info.

- Emphasize progress forward (even if partial remedy)
- De-emphasize benzene plume migration as reason to not move forward
- Emphasize benzene (and other) contaminant consuming biota re-colonizing
- Emphasize field testing the sulfate solution
- Emphasize field confirming mixing models
- Etc
- Etc

I understand this is contra to what Eleanor Jennings and all the knowledge experts have been leaning toward, but.....

I know this is not in pure synchronization to EPA, but...

Carolyn, Steve – Thanks for your understanding.
Please let me know if this will create insurmountable issues.

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